#5 Election 3/11
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CERTIFICATE OF MAILING
I am sending this paper with sufficient post for First Class Mail
Honorable Commissioner of Patents and Trademarks, Washington, DC 20231.
Signed Madeline Mishel Hauptman 2/11/2
Madeline Mishel Hauptman, Dated February 11, 2002

February 11, 2002

Honorable Commissioner of Patents and Trademarks
Washington, DC 20231

Application of:

LUSKIN, David S. and HAUPTMAN, Madeline Mishel

Application No. 09/749,227
TITLE: RACKET STRUNG IN DOUBLE DIAGONAL STRINGING PATTERN WITH FRAME MARKINGS AND METHOD
Sir:

Enclosed is the response to restriction requirement. Also enclosed is a self-addressed postcard.

Respectfully submitted,
Madeline Mishel Hauptman

Madeline Mishel Hauptman
150 Brewster Road
Scarsdale, NY 10583
Tel/Fax (914) 472-7271
Email: MadelineHauptman@aol.com

Enclosures

Please date stamp and return this self-addressed post card.

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Washington, DC 20231

Application of:
LUSKIN, David S. and HAUPTMAN, Madeline Mishel

Application No. 09/749,227
Filing Date: 12/27/00,
ART UNIT: 3711
Examiner: Raleigh Chiu
Attorney Docket Number 122899-01

TITLE: RACKET STRUNG IN DOUBLE DIAGONAL STRINGING PATTERN WITH FRAME MARKINGS AND METHOD

REQUEST FOR RESTRICTION REQUIREMENT

Sir:

I hereby elect Group I, claims 1-9, drawn to a sports racket, classified in class 473, subclass, with traverse.

However, I disagree with what you wrote. The process of choosing the proper angle for the diagonals to intesect is crucial in designing a racket strung with two sets of diagonals.

In order not to distort the racket when tension is applied to the strings, it is very important to choose the exact angle that equalizes the vertical and horizontal axes of the racket hoop geometry. If the angle chosen is incorrect, the hoop and frame will warp by either elongating or become shorter, thus compromising the structural integrity of the frame. This will cause additional vibration to be generated, as the molecules have been shaken up, and further the frame will be weakened and more likely to break, as the molecules will have shifted from their original positions. The structural stability of the frame will have been compromised. Our goal is to make a structurally sound tennis frame, and to do this the angle of the diagonals must be calculated exactly.

If the angle is not correctly chosen, it is necessary to insert a clumsy rod while stringing to maintain the shape and stop it from collapsing inward. The necessity of such a device makes stringing awkward and much more time consuming and a major nuisance to stringers, and would make this diagonal racket not commercially acceptable to the marketplace due to the trouble involved in stringing such a poorly designed frame.

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LUSKIN, David S. and HAUPTMAN, Madeline Mishel

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REQUEST FOR RESTRICTION REQUIREMENT (continued below)

Therefore, the method of calculating the proper angle is crucial to designing and marketing this double diagonal racket. If the angle is correct, playability and marketability of the product will be dramatically better. There is a need for this invention in order to best create the excellent double diagonally strung tennis rackets, which have longer diagonals that are more even in length than conventionally strung frames. What is most important, is that on double diagonally strung rackets, the impact is more evenly distributed around the frame than on conventionally strung frames. Strings of the double diagonally strung racket disperse the impact better so it is superior for vibration dampening and is dramatically easier on the wrist, arm and elbow.

Due to the above reasons, we respectfully ask that you withdraw your request for restriction requirement.

Respectfully submitted,

Madeline Mishel Hauptman

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Scarsdale, NY 10583
Tel/Fax (914) 472-7271
Email: MadelineHauptman@aol.com